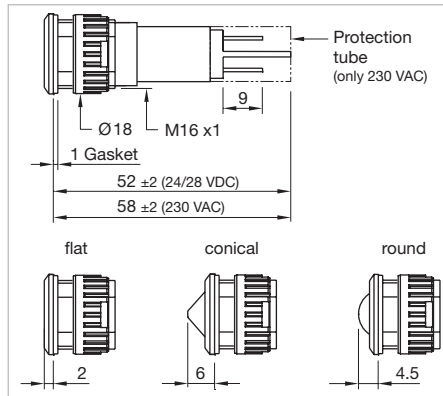


17 Raised design

Indicator 16 mm LED 10 mm, IP 67

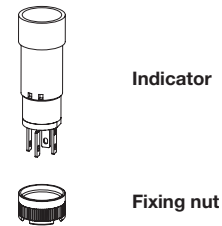


Product can differ from the current configuration.



Dimensions [mm]

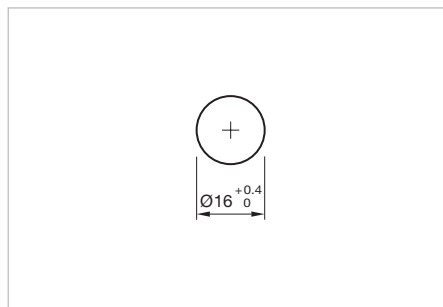
Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Additional Information

- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Operating voltage tolerance +10 %
- Operating current tolerance ±15 %





Mounting cut-outs [mm]

Product attribute	Lens	Reflector	LED colour	Operating voltage	Operation current	Lumi. intensity	Terminal	Part No.	Weight			
	flat	Pastic black	red	24 VDC	16 mA	870 mcd	Plug 2.8 x 0.8 mm	17-381350Z	0.007 kg			
			red	28 VDC	16 mA	870 mcd	Plug 2.8 x 0.8 mm	17-381450Z	0.007 kg			
			green	24 VDC	15 mA	870 mcd	Plug 2.8 x 0.8 mm	17-381351Z	0.007 kg			
			green	28 VDC	15 mA	870 mcd	Plug 2.8 x 0.8 mm	17-381451Z	0.007 kg			
			yellow	24 VDC	16 mA	1250 mcd	Plug 2.8 x 0.8 mm	17-381352Z	0.007 kg			
			yellow	28 VDC	16 mA	1250 mcd	Plug 2.8 x 0.8 mm	17-381452Z	0.007 kg			
			ultra-green	24 VDC	14 mA	4130 mcd	Plug 2.8 x 0.8 mm	17-381355Z	0.007 kg			
			ultra-green	28 VDC	14 mA	4130 mcd	Plug 2.8 x 0.8 mm	17-381455Z	0.007 kg			
			blue	24 VDC	14 mA	740 mcd	Plug 2.8 x 0.8 mm	17-381357Z	0.007 kg			
			blue	28 VDC	14 mA	740 mcd	Plug 2.8 x 0.8 mm	17-381457Z	0.007 kg			
			white	24 VDC	14 mA	1290 mcd	Plug 2.8 x 0.8 mm	17-38135WZ	0.007 kg			
			white	28 VDC	14 mA	1290 mcd	Plug 2.8 x 0.8 mm	17-38145WZ	0.007 kg			
			with protection tube	flat	Pastic black	red	230 VAC	3 mA	140 mcd	Plug 2.8 x 0.8 mm	17-411230Z	0.008 kg
						green	230 VAC	3 mA	120 mcd	Plug 2.8 x 0.8 mm	17-411231Z	0.008 kg
yellow	230 VAC	3 mA				130 mcd	Plug 2.8 x 0.8 mm	17-411232Z	0.008 kg			
ultra-green	230 VAC	3 mA				970 mcd	Plug 2.8 x 0.8 mm	17-411235Z	0.008 kg			
blue	230 VAC	3 mA				150 mcd	Plug 2.8 x 0.8 mm	17-411237Z	0.008 kg			
white	230 VAC	3 mA				280 mcd	Plug 2.8 x 0.8 mm	17-41123WZ	0.008 kg			



Product attribute	Lens	Reflector	LED colour	Operating voltage	Operation current	Lumi. intensity	Terminal	Part No.	Weight			
 <p>Indicator 16 mm LED 10 mm, Front dimension Ø 18.3 mm</p>												
	conical	Pastic black	red	24 VDC	16 mA	1470 mcd	Plug 2.8 x 0.8 mm	17-391350Z	0.007 kg			
				28 VDC	16 mA	1470 mcd	Plug 2.8 x 0.8 mm	17-391450Z	0.007 kg			
			green	24 VDC	15 mA	820 mcd	Plug 2.8 x 0.8 mm	17-391351Z	0.007 kg			
				28 VDC	15 mA	820 mcd	Plug 2.8 x 0.8 mm	17-391451Z	0.007 kg			
			yellow	24 VDC	16 mA	1640 mcd	Plug 2.8 x 0.8 mm	17-391352Z	0.007 kg			
				28 VDC	16 mA	1640 mcd	Plug 2.8 x 0.8 mm	17-391452Z	0.007 kg			
			ultra-green	24 VDC	14 mA	5030 mcd	Plug 2.8 x 0.8 mm	17-391355Z	0.007 kg			
				28 VDC	14 mA	5030 mcd	Plug 2.8 x 0.8 mm	17-391455Z	0.007 kg			
			blue	24 VDC	14 mA	860 mcd	Plug 2.8 x 0.8 mm	17-391357Z	0.007 kg			
				28 VDC	14 mA	860 mcd	Plug 2.8 x 0.8 mm	17-391457Z	0.007 kg			
			white	24 VDC	14 mA	2760 mcd	Plug 2.8 x 0.8 mm	17-39135WZ	0.007 kg			
				28 VDC	14 mA	2760 mcd	Plug 2.8 x 0.8 mm	17-39145WZ	0.007 kg			
			with protection tube	conical	Pastic black	red	230 VAC	3 mA	240 mcd	Plug 2.8 x 0.8 mm	17-421230Z	0.008 kg
						green	230 VAC	3 mA	120 mcd	Plug 2.8 x 0.8 mm	17-421231Z	0.008 kg
yellow	230 VAC	3 mA				190 mcd	Plug 2.8 x 0.8 mm	17-421232Z	0.008 kg			
ultra-green	230 VAC	3 mA				1280 mcd	Plug 2.8 x 0.8 mm	17-421235Z	0.008 kg			
blue	230 VAC	3 mA				200 mcd	Plug 2.8 x 0.8 mm	17-421237Z	0.008 kg			
white	230 VAC	3 mA				500 mcd	Plug 2.8 x 0.8 mm	17-42123WZ	0.008 kg			
 <p>Indicator 16 mm LED 10 mm, Front dimension Ø 18.3 mm</p>												
	round	Pastic black	red	24 VDC	16 mA	1200 mcd	Plug 2.8 x 0.8 mm	17-371350Z	0.007 kg			
				28 VDC	16 mA	1200 mcd	Plug 2.8 x 0.8 mm	17-371450Z	0.007 kg			
			green	24 VDC	15 mA	980 mcd	Plug 2.8 x 0.8 mm	17-371351Z	0.007 kg			
				28 VDC	15 mA	980 mcd	Plug 2.8 x 0.8 mm	17-371451Z	0.007 kg			
			yellow	24 VDC	16 mA	1650 mcd	Plug 2.8 x 0.8 mm	17-371352Z	0.007 kg			
				28 VDC	16 mA	1650 mcd	Plug 2.8 x 0.8 mm	17-371452Z	0.007 kg			
			ultra-green	24 VDC	14 mA	5440 mcd	Plug 2.8 x 0.8 mm	17-371355Z	0.007 kg			
				28 VDC	14 mA	5440 mcd	Plug 2.8 x 0.8 mm	17-371455Z	0.007 kg			
			blue	24 VDC	14 mA	860 mcd	Plug 2.8 x 0.8 mm	17-371357Z	0.007 kg			
				28 VDC	14 mA	860 mcd	Plug 2.8 x 0.8 mm	17-371457Z	0.007 kg			
			white	24 VDC	14 mA	2460 mcd	Plug 2.8 x 0.8 mm	17-37135WZ	0.007 kg			
				28 VDC	14 mA	2460 mcd	Plug 2.8 x 0.8 mm	17-37145WZ	0.007 kg			
			with protection tube	round	Pastic black	red	230 VAC	3 mA	240 mcd	Plug 2.8 x 0.8 mm	17-401230Z	0.008 kg
						green	230 VAC	3 mA	150 mcd	Plug 2.8 x 0.8 mm	17-401231Z	0.008 kg
yellow	230 VAC	3 mA				210 mcd	Plug 2.8 x 0.8 mm	17-401232Z	0.008 kg			
ultra-green	230 VAC	3 mA				1560 mcd	Plug 2.8 x 0.8 mm	17-401235Z	0.008 kg			
blue	230 VAC	3 mA				200 mcd	Plug 2.8 x 0.8 mm	17-401237Z	0.008 kg			
white	230 VAC	3 mA				350 mcd	Plug 2.8 x 0.8 mm	17-40123WZ	0.008 kg			

Backside

Flat receptacle

Product attribute	Part No.	Weight
 <p>Flat receptacle</p>		
2.0 x 0.5 mm plug-in terminal	31-945	0.001 kg
 <p>Flat receptacle</p>		
2.8 x 0.8 mm plug-in terminal	84-9420	0.001 kg


Insulation sleeve

Product attribute	Part No.	Weight
 <p>Insulation sleeve</p>		
for flat receptacle 2.0 mm	31-928	0.001 kg
 <p>Insulation sleeve</p>		
for flat receptacle 2.8 mm	31-929	0.001 kg



17 Accessories

Mounting

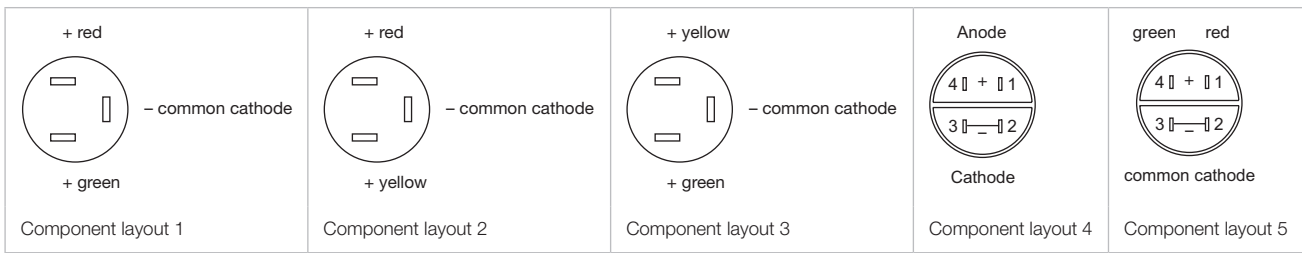
Fixing nut long

Dimension	Part No.	Weight
 <p>Fixing nut long</p>		
Ø 9/M8 x 13 mm	19-991	0.001 kg

Mounting tool

Produkteigenschaften	Part No.	Weight
 <p>Mounting tool</p>		
	01-907	0.02 kg
 <p>Mounting tool</p>		
for fixing nut long Part No. 19-991	19-905	0.011 kg

Drawings



17 Technical data

Technical Data

Material

Actuator

Reflector: Brass satin chrome/black chrome
for indicator 16 mm dia. in black plastic
The plastic (polycarbonate) is limited resistant against chemicals

Mechanical characteristics

Terminals

Plug-in terminal 2.0 x 0.5 mm or 2.8 x 0.8 mm
The indicators with tab-connection are not qualified for soldering

Tightening torque

20 Ncm

Electrical characteristics

Polarity

Anode (+) Brass plug-in connector
Cathode (-) Brass tinned plug-in connector

Operating voltage tolerance

+10 %

Operating current tolerance

±15 %

Optical characteristics

Wave length

red	660 nm
super red	625 nm
hyper red	660 nm
orange	625 nm (for execution 230V: 610 nm)
green	565 nm
yellow/green	570 nm (for execution 230V: 575 nm)
yellow	590 nm
blue	475 nm
red/green	660/565 nm
red/yellow	660/590 nm

Environmental conditions

Storage temperature

-25 °C ... +80 °C

Service temperature

-20 °C ... +60 °C

Protection degree

front IP 40
IP 67 as per DIN EN 60529 - Gap between LED and reflector and gap between reflector and frontplate sealed to IP 67 when using the supplied gasket

Approvals

Approbations

UL
VDE

EAO reserves the right to alter specifications without further notice.